

Appl. No. 09/914,104
Reply to Office Action of November 25, 2005

PATENT
450101-02478

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application. An identifier indicating the status of each claim is provided.

Listing of Claims

1. (Currently Amended) A screen control method applied to a continuous video image display phase for displaying on a screen a feature video image consisting of continuous video images and an extracted video image display phase for sequentially displaying on the screen a plurality of sets of extracted video images obtained by extracting predetermined parts of the feature video image, the method comprising the steps of:

displaying a first screen having at least a first video image display area, a first video image transition display area and a first switch input area, in the extracted video image display phase;

displaying one of the plurality of sets of extracted video images replayed on the basis of a current video image recording position, in the first video image display area;

displaying, in the first video image transition display area, a video image transition graph showing the transition of the video image recording position of the feature video image, a mark superimposed on the graph at the video image recording position corresponding to each of the extracted video images, and a cursor which constantly updates with the lapse of time of the current video image recording position in the extracted video image currently displayed in the first video image display area and which enables shift of the current video image recording position to an arbitrary video image recording position in an arbitrary one of the extracted video images, and

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wherein the video image transition graph is a function of a semantic evaluation;
displaying in the first switch input area a first button which enables input of an instruction to shift from the first screen to a second screen displayed in the continuous video image display phase while cutting out and holding the current video image recording position;

displaying a second screen having at least a second video image display area, a second video image transition display area and a second switch input area, in the continuous video image display phase;

displaying the feature video image replayed on the basis of the current video image recording position, in the second video image display area;

displaying, in the second video image transition display area, a second video image transition graph showing the transition of the video image recording position of the feature video image, and a cursor which constantly updates with the lapse of time the current video image recording position in the feature video image currently displayed in the second video image display area and which enables shift of the current video image recording position to an arbitrary video image recording position in the feature video image, and

wherein the second video image transition graph is a function of a semantic evaluation;

displaying in the second switch input area a second button which enables input of an instruction to shift from the second screen to the first screen displayed in the extracted video image display phase while cutting out and holding the current video image recording position;
and

shifting between the extracted video image display phase and the continuous video image display phase on the basis of each of the instructions inputted during the display of

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the first button or the second button, so as to display either the first screen or the second screen;
and

changing the length of the extracted video images being displayed by adjusting a threshold semantic value on the second video image transition graph.

2-16. (Canceled)

17. (Currently Amended) A screen control device adapted for displaying a second screen in a continuous video image display phase for displaying a feature video image consisting of continuous video images as the second screen, and for displaying a first screen in an extracted video image display phase for sequentially displaying a plurality of sets of extracted video images obtained by extracting predetermined parts of the feature video image as the first screen, the device comprising:

means for displaying at least a first video image display area, a first video image transition display area and a first switch input area in the first screen;

means for displaying one of the plurality of sets of extracted video images replayed on the basis of a current video image recording position, in the first video image display area;

means for displaying, in the first video image transition display area, a video image transition graph showing the transition of the video image recording position of the feature video image and a mark superimposed on the graph at the video image recording position corresponding to each of the extracted video images;

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means for displaying a cursor which constantly updates with the lapse of time of the current video image recording position in the extracted video image currently displayed in the first video image display area,

wherein the cursor is superimposed on the video image transition graph and is enabled to shift the current video image recording position to an arbitrary video image recording position in an arbitrary one of the extracted video images, and

wherein the video image transition graph is a function of a semantic evaluation;

means for displaying in the first switch input area a first button which enables input of an instruction to shift from the first screen to the second screen displayed in the continuous video image display phase while cutting out and holding the current video image recording position at the timing of the instruction;

means for arranging at least a second video image display area, a second video image transition display area and a second switch input area in the second screen;

means for displaying the feature video image replayed on the basis of the current video image recording position, in the second video image display area;

means for displaying, in the second video image transition display area, a second video image transition graph showing the transition of the video image recording position of the feature video image;

means for displaying a cursor which constantly updates with the lapse of time of the current video image recording position in the feature video image currently displayed in the second video image display area,

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wherein the cursor is superimposed on the second video image transition graph and is enabled to shift the current video image recording position to an arbitrary video image recording position in the feature video image, and

wherein the second video image transition graph is a function of a semantic evaluation;

means for displaying in the second switch input area a second button which enables input of an instruction to shift from the second screen to the first screen displayed in the extracted video image display phase while cutting out and holding the current video image recording position at the timing of the instruction; and

means for shifting between the extracted video image display phase and the continuous video image display phase on the basis of each of the instructions inputted during the display of the first button or the second button, so as to display either the first screen or the second screen; and

means for changing the length of the extracted video images being displayed by adjusting a threshold semantic value on the second video image transition graph.

18-45. (Canceled)